

FIG. 1

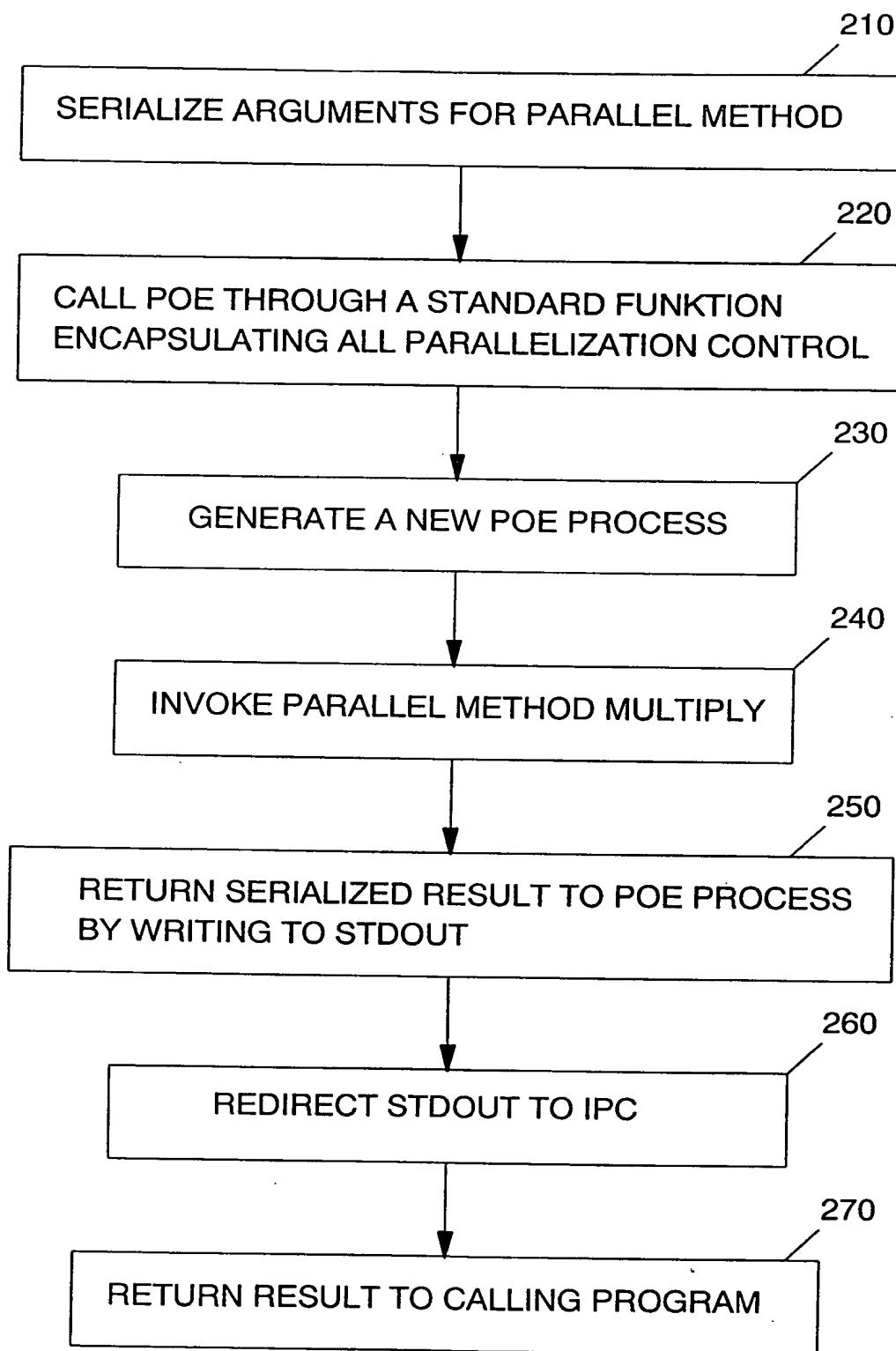


FIG.2

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calling the parallel method (PM) (read column top down)		returning result from parallel method (PM) (read column bottom up)
Original program (OP) - user code	210: serialize arguments for PM 220: procedural poe call of PM with serialized arguments	280: deserialize result in result variable
Original Program (OP) - procedural POE call	221: derive name of parallel subprogram (PSP) from name of PM 222: set up IPC connection to poe process to be created 230: spawn POE process with name of PSP and serialized arguments	270 : move result from IPC connection to result variable
poe process	235: invoke PSB at least once	260: redirect standard output from PSP to IPC connection to OP
parallel subprogram	240: call PM with command line arguments as method arguments	250: return serialized result of PM to POE by writing it to standard output

Fig. 3